Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Sunday 02 Jul 2023 until 23:59 on Monday 03 Jul 2023

Forecast Issued on Sunday 02 Jul 2023 at 02:46

Confidence: High confidence in the overall weather situation for the next couple of days, although slightly lower for rain and cloud details. Beyond this into next week the uncertainty rises.

Headline for Sunday 02 Jul 2023: A day of sunny spells and light, drizzly showers. Windy.

Mountain weather hazards on Sunday 02 Jul 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Light rain showers	Light rain showers	Light rain showers	Cloudy	Cloudy
Precipitation probability					
20%	30%	40%	30%	20%	10%

Forecast for Sunday 02 Jul 2023

Weather: Cloudy start, with clear or bright spells in the east. Light drizzly showers pushing in from the west will mainly affecting western and northwestern Dales. Blustery showers developing more widely through the afternoon, perhaps with the odd heavier burst. Showers gradually becoming more isolated by the evening. Some sunny spells still expected, with the best of conditions in the east of the park. Feeling chilly in the strong west to northwesterly winds.

Chance of cloud-free hill tops above 600m: 30% in west at first, becoming 80% by midday. Above 90% elsewhere.

Low Cloud and visibility: Banks of low cloud with bases of 500-600m are expected to initially cover some higher slopes in the west and northwest. Bases should lift through the morning to be above the summits. Scraps of cloud may lower to briefly shroud higher peaks during any showers. Very good visibility generally, likely dropping to poor in showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Sunday 02 Jul 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	23/29 W	25/34 W	24/33 W	23/32 W	22/31 W	18/28 W	14/21 W
300	14/29 W	16/32 W	16/31 W	18/35 W	14/29 W	11/27 W	7/20 W
Valley	11/25 W	15/29 W	15/29 W	13/29 W	12/25 W	8/22 W	4/14 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/3	9/5	10/6	10/6	9/5	8/4	7/3
300	11/8	12/9	13/10	13/10	12/9	10/7	9/7
Valley	12/10	14/11	16/13	14/12	13/11	11/10	10/9
Freezing Level*	1700m	1700m	1700m	1800m	1700m	1500m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Where cloud breaks persist, Moderate to High UV levels are forecast. Windy conditions will make for fairly arduous walking, particularly across exposed or elevated routes where some gusts to gale force possible.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 01 Jul 2023	14.8mm	14.8mm	19.4mm

Forecast for Monday 03 Jul 2023

Weather: Clear spells overnight, with a few, mainly light and drizzly, showers across western hills. Cloud thickening and scattered showers developing through the morning ahead of an area of rain and showers that will push east across the Dales through the day. Showers likely turning heavy at times through the afternoon, with the possibility of merging to give longer spells of rain and some potentially thundery downpours. Showers largely expected to peter out overnight.

Maximum wind: West or southwest 20-25mph, with frequent gusts around 35-40mph.

Chance of cloud-free hill tops above 600m: 80% or higher at first, lowering from the west to 40% as rain arrives. Returning to 80% by late afternoon, but remaining around 60% in the west.

Low Cloud and visibility: Patchy cloud shrouding some higher peaks in early showers. Cloud lowering and thickening through the morning with bases of 500m, possibly lower in heavier rain or showers. Bases lifting clear of summits through the afternoon, but continuing to shroud highest routes at times in showers. Visibility very good, but likely dropping frequently to poor in rain and showers.

Temperature: **Valleys:** Plus 9 Celsius, rising to Plus 14 Celsius.
At 600m: Plus 5 Celsius, rising to Plus 10 Celsius.
Freezing level: Above summits.

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